

Center for Electronic Systems Technology

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The Center provides research, design, evaluation, & prototyping services to Utah business who need specialized help in developing new products or enhancing market strengths

Background

Established in 1995, this center combines the expertise, resources, and capability of three universities: the UofU, BYU and USU to serve the industrial community in the area of electronic systems technology. The goal of the Center is to ensure that Utah industry can compete more effectively in the global market and enhance the opportunities for Utah researchers to develop and commercialize their technologies.

Technology Development Progress

Electronic systems technologies include microelectronics, signal processing, communication and control systems, digital electronics, RF, microwave, and millimeter wave electronics, optoelectronics and electromagnetics. The Center provides research, design, evaluation, and prototyping services to Utah business who need specialized help in developing new products or enhancing market strengths.

Highlights and Accomplishments

Services that are being provided to industry include access to test equipment, laboratory testing, fundamental research and technology development, market analysis, personnel, information, and strategic planning. Research contracts with a large number of technology based companies have been signed and are in progress. Institutions that have collaborated with the Center include: TRW, Lockheed Martin, U.S. Robotics, Loral Communications, Keithley, Micron Technologies, Sandia National Laboratories, Micromanipulator, American Laser, Litton, Unisys, Digital Instruments, Alliantech Systems, National Semiconductor, and Fairchild

Dr. Jennifer Hwu received the prestigious U.S. Presidential Early Career Award for Scientists and Engineers for her contributions and leadership in high power frequency electronics and optoelectronics. She was also named a U.S. Presidential Faculty Fellow.

CEST

THE STATE OF UTAH CENTER OF EXCELLENCE FOR ELECTRONIC SYSTEMS TECHNOLOGY



Summary:

Current

1996-97 Award	\$150,000
Matching Funds	\$448,575
Patents Pending	2
Patents Issued	1
License Agreements	1
Spin-off Companies	0
Companies Assisted	27
Industry Jobs	3
Center Jobs	29

Cumulative

Awards	\$310,000
Matching Funds	\$1,561,675
Patents Issued	1
License Agreements	1
Spin-off Companies	2